



Product designation	Modular switching power supplies		
Product type designation	PSL1M		
Input characteristics			
Input type	Single-phase		
Rated supply voltage AC	VAC	Multivoltage 100...240	
Operating range	AC	min	VAC 90
		Max	VAC 264
	DC	min	VDC 120
		Max	VDC 375
Rated frequency		Hz	50/60
Operational frequency		min	Hz 47
		max	Hz 63
Current consumption Max		mA	300
PFC			No
Insulation voltage Input/Output	AC	VAC	3000
	DC	VAC	4242
Internal fuse (250VAC)			T1A 250VAC
Output characteristics			
Rated output voltage DC		VDC	12
Rated output current		A	0.83
Rated output power		W	10
Temperature coefficient		%/°C	±0.03
Line adjustment		%	±1
Load adjustment		%	±1
Efficiency		%	79
Overload protection			125...185%
Short-circuit protection			Hiccup
Ripple & noise		mV	50
Parallel connection		Nr.	No
Indications			
LED indicator for power on			Yes
LED indicator for low voltage			Yes
Connections			
Terminals type			Screw
Ambient conditions			
Temperature	Operating temperature	min	°C -40

Storage temperature	max	°C	+71
	min	°C	-40
	max	°C	+85
Derating		%/°C	2.5%/°C above 60°C

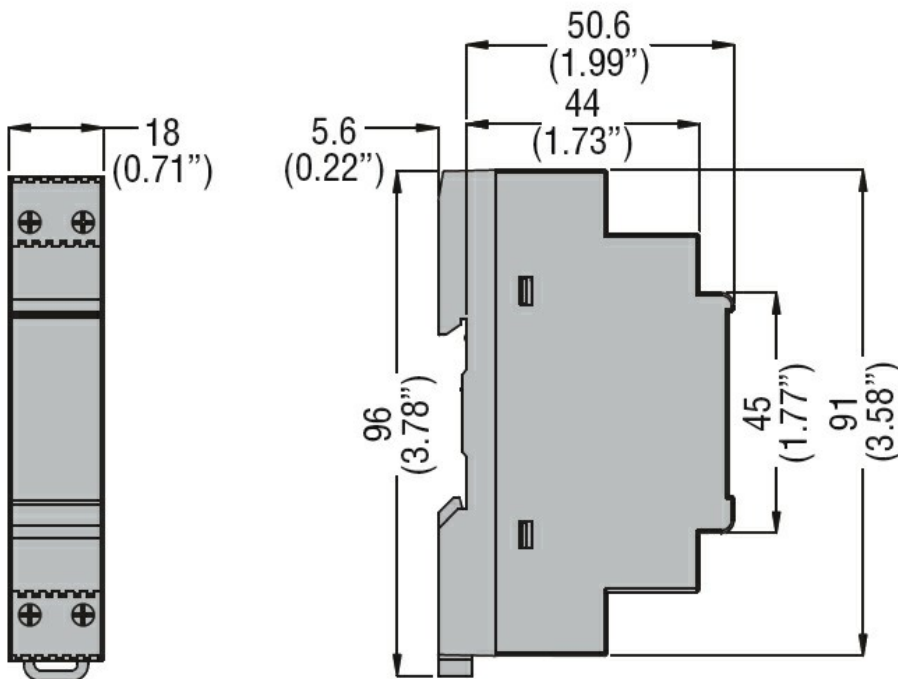
Housing

Execution (n° of modules)	1		
Material	Plastic		
IEC degree of protection	IP20		
Dimensions (W x H x D)	mm	18 x 96 x 56.2	
Weight	g	114	

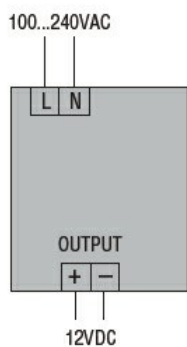
Installations

Mounting	On 35mm DIN rail
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Dimensions [mm (in)]



Wiring diagrams



Certifications and compliance

Compliance

CSA C22.2 n°14
IEC/EN/BS 61000-6-2
IEC/EN/BS 61000-6-3

IEC/EN/BS 62368-1

UL 508

Certificates

cULus

EAC

RCM

ETIM classification

ETIM 8.0

EC002540 - DC-
power supply